

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/523,723
Source: PCT
Date Processed by STIC: 2/27/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/27/2006

PATENT APPLICATION: US/10/523,723

TIME: 14:35:23

Input Set : A:\P26633.txt

Output Set: N:\CRF4\02272006\J523723.raw

```

3 <110> APPLICANT: TANAKA, Toshihiro
4     OHNISHI, Yozo
5     OZAKI, Koichi
6     IIDA, Aritoshi
7     NAKAMURA, Yusuke
8     HORI, Masatsugu
10 <120> TITLE OF INVENTION: Method for Determining Inflammatory Disease
12 <130> FILE REFERENCE: P26633
14 <140> CURRENT APPLICATION NUMBER: US 10/523,723
15 <141> CURRENT FILING DATE: 2005-02-07
17 <150> PRIOR APPLICATION NUMBER: PCT/JP03/10131
18 <151> PRIOR FILING DATE: 2003-08-08
20 <150> PRIOR APPLICATION NUMBER: JP2002/231532
21 <151> PRIOR FILING DATE: 2002-08-08
23 <160> NUMBER OF SEQ ID NOS: 23
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 162
29 <212> TYPE: DNA
30 <213> ORGANISM: Homo sapiens
32 <400> SEQUENCE: 1
33 aggggctccg cacagcaggt gaggtctctc tgccccatct ccttgggctg cccgtgcttc      60
35 gtgctttgga ctaccgcca gcagtgtcct gccctctgcc tgggacctcg tccctctcgc      120
37 acctgctgcc tggatcccc gctgctctgg gctgggacct tg                        162
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 287
42 <212> TYPE: DNA
43 <213> ORGANISM: Homo sapiens
45 <400> SEQUENCE: 2
46 gtgggtttgg ttttggtttc cttctctgtc tctgactctc catctgtcag tctcattgtc      60
48 tctgtcacac attctctgtt tctgccatga ttctctctcg ttcccttctt gtctctctct      120
50 gtctccctct gctcaccttg gggtttctct gactgcatct tgtcccttc tctgtcgatc      180
52 tctctctcgg gggtcggggg gtgctctctc ccagggcggg aggtctgtct tccgccgcgt      240
54 gccccgcccc gctactgtc tctctctctc tctctcttct tctgcag                    287
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 107
59 <212> TYPE: DNA
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 ggggctccct ggtgttgcc tcacaccttc agctgccag actgccgctc agcaccctaa      60
65 gatgcatctt gccacagca cctcaaacc tgctgtcac ctcatctg                    107
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 634

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,723

DATE: 02/27/2006

TIME: 14:35:23

Input Set : A:\P26633.txt

Output Set: N:\CRF4\02272006\J523723.raw

```

70 <212> TYPE: DNA
71 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 4
74 caacctgtgt tgggaaaaga gcattctggt ctttaattcta aactaactct ctacctttct      60
76 ctctctctcc accatcccgc cccctcccct gcctcccgtt gttaacatct ccactctttt      120
78 ctacatattt ctcaagtcca aattttttgca tctcacttgc cccatcctac gatagtcttc      180
80 ttccgtcttt tgtctgtatt ttttcttttt tttgatctgt cctgtttgtt gtcccactgt      240
82 ggttttttgtt tttgttttcc atgtttaatg tgatttttat cctgtcttta tctcctctat      300
84 tttctctgtc ttctcatctt ttctgctcatc actgaaccat ctctctctct tgccaagtta      360
86 gaggaggcgg gaaaaaacct ccaaataact ctcttttctc cctcccctcc cctcgccctcc      420
88 ttttctctgc ctccagtcca gtcttctggt ttcagacggc ccctttaatt taagttccct      480
90 agtttccctt gggagatctg gccagaact acccggtcgg ggcggaacga catccggtaa      540
92 cgccctcac agttcacttc cgtcctccac ctgctctctt gcttgcgcca tttcctccag      600
94 cctggagtgt ctccgcccct cccgcccctt gtct      634
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 1250
99 <212> TYPE: DNA
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 5
103 tgagatatgt tgctttgctt cgcttctgtc aataagatga gaataacggt acctactcct      60
105 tagtattaaa tgattaagta tgtaaacagg gagagggccca aacgtttggt gttttattac      120
107 acagcaggac atcaggtctt actttttagt ctccccatct caaagacggg gatagcaaat      180
109 gtttcattca ggaaaaaaat ccaggttgaa caatggggct gttggggcgg ggccaagaac      240
111 attctgctcg aattaacagt attaatgggc cgggcgcggt ggctcacgcc tgtaatccca      300
113 gcactctggg aggccgaagt ggggtgatca cctgaggtca tacatgggtg aagccccgtc      360
115 tctactaaaa aaacaaaaat ttgctgggcg tgggtggcgg cgctgtaat cctagctact      420
117 cgggaggctg aggcaggaga atcgcttgaa cccgggaagc agcggttgca gtgagccgag      480
119 atcaggacat tgcactcccg cctgggcgac agggcgagac tctgtctcaa aacaaaaaca      540
121 aaaacagtat taatggaatg tagtataacc ctcaagccct actattaaca cttggggccg      600
123 aatccagacc cgtcttccc gctcggatc agaacacct cctgactcac tggccctagg      660
125 gcatcagcta cctcggacag catccttttg ggaaaatacc gccaccagc cccacgactg      720
127 ggaagagctc gggaaacacc cccgagcaat ccagttccct gagactccc tccctccctc      780
129 cctcagctag ggcctgccgg ttcctagtgc gtgccagca gtccctcagg caccttact      840
131 accgggccaa ggaccccggt ggaactcgca gccttcgcca cactcgttcc tcgcgcatcc      900
133 atggaggggt gcctacagag aagacctgcg tggcaaaaac ctaaacgaag agatgagggg      960
135 catggagagg agtaggataa gagaataaag ataacagtgg gggggagacg ttagtttctt      1020
137 ttatatcttt tgttactggc ggtagcagtg aagttagaaa cggtttttaa acaaatttca      1080
139 gacaggcatt ttccaaaggc aagcctggag cgcacggatc tgtataaccg cggaaggccc      1140
141 tgtttccggt cccttgcgcc tgcgctcttg cagccaagaa ggcgggaggc tggagtagag      1200
143 ggaagcctgc aaccggaagt gaaggcagat ttccctcctt cgtcgtgtt      1250
146 <210> SEQ ID NO: 6
147 <211> LENGTH: 1386
148 <212> TYPE: DNA
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 6
152 gccccatctc cttgggctgc ccgtgcttcg tgctttggac taccgcccag cagtgtcctg      60
154 ccctctgect gggcctcggg cctcctgca cctgctgect ggatccccgg cctgacctgg      120
156 cctgggcctt ggttctcccc atgacaccac ctgaacgtct ctctctcca aggggtgtgtg      180
158 gcaccacctt acacctctc cttctggggc tgctgtggtt tctgtgect ggggcccagg      240

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,723

DATE: 02/27/2006

TIME: 14:35:23

Input Set : A:\P26633.txt

Output Set: N:\CRF4\02272006\J523723.raw

160	ggctccctgg	tgttggectc	acaccttcag	ctgcccagac	tgcccgtcag	caccccaaga	300
162	tgcattctgc	ccacagcacc	ctcaaactcg	ctgctcacct	cattggagac	cccagcaagc	360
164	agaactcact	gctctggaga	gcaaacacgg	accgtgcctt	cctccaggat	ggtttctcct	420
166	tgagcaacaa	ttctctcctg	gtccccacca	gtggcatcta	cttcgtctac	tcccagggtg	480
168	tcttctctgg	gaaagcctac	tctcccaagg	ccacctctct	cccactctac	ctggcccatg	540
170	aggtccagct	cttctcctcc	cagtaccctt	tccatgtgcc	tctcctcagc	tcccagaaga	600
172	tgggtgatcc	agggctgcag	gaaccctggc	tgcactcgat	gtaccacggg	gctgcgttcc	660
174	agctcaccca	gggagaccag	ctatccaccc	acacagatgg	catccccac	ctagtcctca	720
176	gccctagtac	tgtcttcttt	ggagccttcg	ctctgtagaa	cttggaaaaa	tccagaaaga	780
178	aaaaataatt	gatttcaaga	ccttctcccc	attctgcctc	cattctgacc	atttcagggg	840
180	tgcctaccac	ctctcctttg	gccattccaa	cagctcaagt	cttccttgat	caagtcaccg	900
182	gagctttcaa	agaaggaatt	ctaggcatcc	caggggacca	cacctccctg	aaccatccct	960
184	gatgtctgtc	tggctgagga	tttcaagcct	gcctaggaat	tcccagccca	aagctggttg	1020
186	tctgtcccac	cagctagggtg	gggcctagat	ccacacacag	aggaagagca	ggcacatgga	1080
188	ggagcttggg	ggatgactag	aggcagggag	gggactattt	atgaaggcaa	aaaaattaaa	1140
190	ttattttattt	atggaggatg	gagagagggg	aataatagaa	gaacatccaa	ggagaaacag	1200
192	agacaggccc	aagagatgaa	gagtgagagg	gcatgcgcac	aaggctgacc	aagagagaaa	1260
194	gaagtaggca	tgagggatca	cagggcccca	gaaggcaggg	aaaggctctg	aaagccagct	1320
196	gccgaccaga	gccccacacg	gaggcatctg	cacctctgat	gaagcccaat	aaacctcttt	1380
198	tctctg						1386
201	<210> SEQ ID NO: 7						
202	<211> LENGTH: 1459						
203	<212> TYPE: DNA						
204	<213> ORGANISM: Homo sapiens						
206	<400> SEQUENCE: 7						
207	ccgagcttct	taaacacagg	ccttgggcta	cggtctctgg	gggtacttgg	ggggcggggg	60
209	caggtctgat	gagtaacccc	tccccccagg	ttccagagga	agaagcctcc	acatctgtct	120
211	gccggcccaa	gagttccatg	gcctccactt	cccgccgcca	acgccgagaa	cgtcgctttc	180
213	gtcggttactt	gtctgcagga	cggtctggctc	ggggccaggc	cctcctccag	cgacaccag	240
215	gcctcgatgt	agatgctggg	cagccccac	cactgcaccg	ggcctgtgcc	cgccacgatg	300
217	ccccctgccct	gtgcctgctg	cttcggctcg	gggctgaccc	tggccaccag	gaccgcatg	360
219	gggacacggc	actgcatgct	gctgcccggc	agggcccgga	tgcctacacc	gatttcttcc	420
221	tcccgtgct	aagccgctgt	ccctctgcca	tgggaataaa	gaataaggat	ggggagaccc	480
223	ctggccaaat	tttgggctgg	ggacccccct	gggattctgc	tgaagaggag	gaagaagatg	540
225	atgcctccaa	ggagcgggaa	tggagacaga	agctccaggg	tgagctggag	gacgagtggc	600
227	aggaagtcac	ggggagggtt	gaaggatgat	cctcccatga	aaccagagg	cctgagtcct	660
229	tctcagcctg	gtcagatcgc	ctggcccggg	aacatgccca	gaagtgccag	cagcagcagc	720
231	gagaagcaga	gggatcctgt	cgacccccac	gtgctgaggg	ctccagccag	agctggcgac	780
233	acgaggagga	ggagcagcgg	ctcttcaggg	agcgagcccc	ggccaaggag	gaagagctgc	840
235	gtgagagccg	agccaggagg	gcgcaggagg	ctctagggga	ccgagaaccc	aagccaacca	900
237	gggcccggcc	caggggaagag	caccccagag	gagcggggag	gggcagcctc	tggcgatttg	960
239	gtgatgtgcc	ctggccctgc	cctgggggag	gggaccagga	ggccatggct	gcagccctgg	1020
241	tggccagggg	ccccctttg	gaggaacagg	gggctctgag	gaggtacttg	agggctccagc	1080
243	aggtccgctg	gcacctgac	cgcttctctg	agcgattccg	aagccagatt	gagacctggg	1140
245	agctgggccc	tgtgatggga	gcagtgcacg	ccctttctca	ggccctgaat	cgccatgcag	1200
247	aggccctcaa	gtgacctag	ggaagaagca	agaaacttcg	gggctgcagc	ctcaggatga	1260
249	ggcagaagga	agggtaaggg	aaaggatggg	gaccacaagg	aagagccagg	tgctgctcag	1320
251	cacaggatat	gggtgggagc	gaaagtgtga	acaagtgggg	gtgggggggtg	cgggccgcca	1380
253	ccactgctcc	ttgactctgc	cgtttcctaa	taagacctgg	ttccacatct	caaaaaaaaa	1440

RAW SEQUENCE LISTING

DATE: 02/27/2006

PATENT APPLICATION: US/10/523,723

TIME: 14:35:23

Input Set : A:\P26633.txt

Output Set : N:\CRF4\02272006\J523723.raw

```

255 aaaaaaaaaa aaaaaaaaaa 1459
258 <210> SEQ ID NO: 8
259 <211> LENGTH: 1854
260 <212> TYPE: DNA
261 <213> ORGANISM: Homo sapiens
263 <400> SEQUENCE: 8
264 acaggcattt tccaaaggca agcctggagc gcacggatct gtataaccgc ggaaggccct 60
266 gtttcgggtc ccttgcgctt gcgctcttgc agccaagaag gcgggagggt ggagtagagg 120
268 gaagcctgca accggaagtg aaggcagatt tccctccttc gtcgctgttg ctgccgccat 180
270 acgcgctctc cctgttttagc tcttctgtta gaaatagtat ctttgttttc ctttgctgtt 240
272 cctcaatccc ctactcttca ccccttggtt tcacctattt tgcgagaacc catccagatc 300
274 ccccttccct tcttccctg cgggccagt tatggcagag aacgatgtgg acaatgagct 360
276 cttggactat gaagatgatg aggtggagac agcagctggg ggagatgggg ctgaggcccc 420
278 tgccaagaag gatgtcaagg gtcctatgt ctccatccac agctctgggt ttcgtgactt 480
280 cctgctcaag ccagagttgc tccgggccat tgtcgactgt ggctttgagc atccgtcaga 540
282 agtccagcat gagtgcattc ctcaggccat tctgggaatg gatgtcctgt gccaggccaa 600
284 gtcgggcatg ggaaagacag cagtgtttgt cttggccaca ctgcaacagc tggagccagt 660
286 tactgggcag gtgtctgtgc tgggtgatgt tcacactcgg gagttggctt ttcagatcag 720
288 caaggaatat gagcgcttct ctaaatacat gcccaatgtc aaggttgctg ttttttttgg 780
290 tgggtctgtc atcaagaagg atgaagaggt gctgaagaag aactgcccgc atatcgtcgt 840
292 ggggactcca ggccgtatcc tagccctggc tcgaaataag agcctcaacc tcaaacacat 900
294 taaacacttt attttggtg aatgtgataa gatgcttgaa cagctcgaca tgcgtcggga 960
296 tgtccaggaa atttttcgca tgacccccca cgagaagcag gtcagtgtgt tcagtgtctc 1020
298 cttgagcaaa gagatccgtc cagtctgccc caagttcatg caagatccaa tggagatctt 1080
300 cgtggatgat gagacgaagt tgacgctgca tgggttgcat cagtactacg tgaaactgaa 1140
302 ggacaacgag aagaaccgga agctctttga ctttctggat gtccttgagt tcaaccaggt 1200
304 ggtgatcttt gtgaagtctg tgcagcgggt cattgccttg gccagctac tagtggagca 1260
306 gaacttccca gccattgcca tccaccgtgg gatgccccag gaggagaggc tttctcggtg 1320
308 tcagcagttt aaagattttc aacgacgaat tcttggtggc accaacctat ttggccgagg 1380
310 catggacatc gagcgggtga acattgcttt taattatgac atgcctgagg attctgacac 1440
312 ctacctgcat cgggtggcca gagcaggccg gtttggcacc aagggttggt ctatcacatt 1500
314 tgtgtccgat gagaatgatg ccaagatcct caatgatgtg caggatcgct ttgaggtcaa 1560
316 tattagttag ctgcctgatg agatagacat ctctcctac attgaacaga cacggtagaa 1620
318 gactcgccca ttttggaatg tgaccgtctg tccttcagga gaggacacca ggggtgggggt 1680
320 gaaggagaca ctactgcccc caccctgac agccccacc ccatggcttc catcttttgc 1740
322 atcaccacca ctctgaacc cccatttctg atttgtcaga attttttttt aacaaaacta 1800
324 aaaatgaaac acatgtgtct gtggtatcta aaaaaaaaaa aaaaaaaaaa aaaa 1854
327 <210> SEQ ID NO: 9
328 <211> LENGTH: 20
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: primer
335 <400> SEQUENCE: 9
336 actcagccaa gggcgcagag 20
339 <210> SEQ ID NO: 10
340 <211> LENGTH: 22
341 <212> TYPE: DNA
342 <213> ORGANISM: Artificial sequence

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,723

DATE: 02/27/2006

TIME: 14:35:23

Input Set : A:\P26633.txt

Output Set: N:\CRF4\02272006\J523723.raw

```

344 <220> FEATURE:
345 <223> OTHER INFORMATION: primer
347 <400> SEQUENCE: 10
348 cttcctcagg gattgagacc tc                22
351 <210> SEQ ID NO: 11
352 <211> LENGTH: 121
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: probe
359 <400> SEQUENCE: 11
360 tccaaagcac gaagcacggg cagcccaagg agatggggca ggagagcctc acctgctgtg      60
362 cggagcccct gggcccgga cgtcaggtcc ctttatagag gaagcggcag tggcagcgtg      120
364 g                                     121
367 <210> SEQ ID NO: 12
368 <211> LENGTH: 121
369 <212> TYPE: DNA
370 <213> ORGANISM: Artificial sequence
372 <220> FEATURE:
373 <223> OTHER INFORMATION: probe
375 <400> SEQUENCE: 12
376 tccaaagcac gaagcacggg cagcccaagg agatggggca ggagagcctc acctgctgtg      60
378 tggagcccct gggcccgga cgtcaggtcc ctttatagag gaagcggcag tggcagcgtg      120
380 g                                     121
383 <210> SEQ ID NO: 13
384 <211> LENGTH: 121
385 <212> TYPE: DNA
386 <213> ORGANISM: Artificial sequence
388 <220> FEATURE:
389 <223> OTHER INFORMATION: probe
391 <400> SEQUENCE: 13
392 agagaaaccc caaggtgagc agagggagac agagagagac aggaagggaa cagagaggaa      60
394 tcatggcaga aacagagaat gtgtgacaga gacaatgaga ctgacagatg gagagtcaga      120
396 g                                     121
399 <210> SEQ ID NO: 14
400 <211> LENGTH: 121
401 <212> TYPE: DNA
402 <213> ORGANISM: Artificial sequence
404 <220> FEATURE:
405 <223> OTHER INFORMATION: probe
407 <400> SEQUENCE: 14
408 agagaaaccc caaggtgagc agagggagac agagagagac aggaagggaa cagagaggaa      60
410 ccatggcaga aacagagaat gtgtgacaga gacaatgaga ctgacagatg gagagtcaga      120
412 g                                     121
415 <210> SEQ ID NO: 15
416 <211> LENGTH: 121
417 <212> TYPE: DNA
418 <213> ORGANISM: Artificial sequence
420 <220> FEATURE:

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/523,723

DATE: 02/27/2006

TIME: 14:35:24

Input Set : A:\P26633.txt

Output Set: N:\CRF4\02272006\J523723.raw